

IN THE CLAIMS:

1. (currently amended) A method of performing persistent storage comprising:
 - A) receiving a received record in received RTP packets, of which each includes a received RTP payload and a respective received RTP timestamp; and
 - B) in response to the received record, extracting information of interest from the headers of the respective received RTP packets, the information of interest excluding information that is not needed for the use to which the data is to be put; and
 - C) storing in a persistent medium a stored record as stored packets of which each corresponds to a respective one of the received RTP packets, each stored packet including as the packet payload the RTP payload contained in the respective received RTP packet and further including a header that includes a stored timestamp derived from the corresponding received RTP timestamp in the received RTP packet header and the information of interest.
2. (previously presented) A method as defined in claim 1 wherein the stored timestamp in each stored packet header equals the received RTP timestamp contained in the respective received RTP packet.
3. (original) A method as defined in claim 2 wherein the format of the stored packet is that of the corresponding received RTP packet.
4. (currently amended) A method as defined in claim 1 wherein:
 - A) the received and stored records contain audio data; and
 - B) the method further includes retrieving the stored record and playing it in accordance with the stored timestamps contained therein by determining

the times to play the data contained in the respective stored packets based on a combination of the local time and the stored timestamp contained in the stored packets.

5. (currently amended) A method as defined in claim 1 wherein:

- A) the received and stored records contain video data; and
- B) the method further includes retrieving the stored record and playing it in accordance with the stored timestamps contained therein by determining the times to play the data contained in the respective stored packets based on a combination of the local time and the stored timestamp contained in the stored packets.

6. (currently amended) A method as defined in claim 5 wherein the method additionally includes:

- A) receiving a second received record in second RTP packets containing audio data, each second RTP packet including a received RTP payload and a respective received RTP timestamp;
- B) in response to the second received record, storing in the persistent medium a second stored record as second stored packets of which each corresponds to a respective one of the second received RTP packets, each second stored packet including the RTP payload contained in the respective received RTP packet and further including a respective stored RTP timestamp derived from the corresponding second received RTP packet's received RTP timestamp;
- C) retrieving the second stored record; and
- D) playing the second stored record simultaneously with the first-mentioned stored record in accordance with the stored timestamps contained in the second stored record by equating the start times of the first and second stored records and determining the times to play the data contained in the

respective stored packets of the second stored record based on a combination of the local time and the respective stored timestamps.

7. (previously presented) A method as defined in claim 1 further including retrieving the stored record and transmitting in accordance with the timestamp in each recorded packet a corresponding transmitted RTP packet including in a header of the transmitted RTP packet a transmitted RTP timestamp and including a payload the same as that of the recorded packet to which that transmitted packet corresponds.

8. (currently amended) A method of performing persistent storage comprising:

- A) taking samples of time-dependent data; and
- B) before transmitting or playing back the data, storing a record of the data in a persistent medium as a plurality of stored RTP packets whose payloads represent the samples' values and whose stored timestamps represent the times at which the first samples in their respective payloads were taken.

9. (previously presented) A method as defined in claim 8 wherein:

- A) the sampled data are audio data; and
- B) the method further includes retrieving the stored RTP packets and playing the audio data in accordance with the stored packets' stored timestamps.

10. (previously presented) A method as defined in claim 8 wherein:

- A) the sampled data are video data; and
- B) the method further includes retrieving the stored RTP packets and playing the video data in accordance with the stored packets' stored timestamps.

11. (currently amended) A method as defined in claim 10 further including:

- A) concurrently with taking the samples of the video data, taking samples of audio data;

- B) storing a second stored record of the audio data in a persistent medium as second stored RTP packets, whose payloads represent the audio samples' values and whose stored timestamps represent the times at which the first samples in their respective payloads were taken; and
- C) playing the second stored record simultaneously with the first-mentioned stored record in accordance with the stored timestamps contained in the second stored record by equating the start times of the first and second stored records and determining the times to play the data contained in the respective stored packets of the second stored record based on a combination of the local time and the respective stored timestamps.

12. (previously presented) A method as defined in claim 8 further including retrieving the stored record and transmitting in accordance with the stored timestamp in each recorded packet a corresponding transmitted RTP packet including a transmitted RTP timestamp and further including a payload that is the same as that of the recorded packet to which that transmitted packet corresponds.

13. (currently amended) For storing time-dependent data, an apparatus comprising:

- A) a persistent medium operable to store received data and retrieve data thus stored;
- B) a receiver that receives a received record as a plurality of received RTP packets, with each packet including a received RTP payload and a corresponding received RTP timestamp; and
- C) a persistent-store driver that responds to the receiver by extracting information of interest from the received RTP packet headers, the information of interest excluding information that is not needed for the use to which the data is to be put; and storing in the persistent medium a stored record as a plurality of stored packets with each packet corresponding to a respective one of the received RTP packets, each stored packet including the RTP payload contained in the respective received RTP packet and further

including a header that includes the information of interest and a respective stored timestamp derived from the received RTP timestamp in the header of the corresponding received RTP packet.

14. (previously presented) An apparatus as defined in claim 13 wherein the stored timestamp in each stored packet equals the received RTP timestamp contained in the respective received RTP packet.

15. (original) An apparatus as defined in claim 14 wherein the format of the stored packets are those of the corresponding received RTP packets.

16. (currently amended) An apparatus as defined in claim 13 wherein:

- A) the received and stored records contain audio data;
- B) the persistent-store driver also retrieves the stored record; and
- C) the apparatus further includes an audio player and an audio driver that drives the audio player to play the stored record in accordance with the stored timestamps contained therein by determining the times to play the data contained in the respective stored packets based on a combination of the local time and the stored timestamp contained in the stored packets.

17. (currently amended) An apparatus as defined in claim 13 wherein:

- A) the received and stored records contain video data;
- B) the persistent-store driver also retrieves the stored record; and
- C) the apparatus further includes a video player and a video driver that drives the video player to play the stored record in accordance with the stored timestamps contained therein by determining the times to play the data contained in the respective stored packets based on a combination of the local time and the stored timestamp contained in the stored packets.

18. (currently amended) An apparatus as defined in claim 17 wherein:

- A) the receiver additionally receives a second received record in second RTP packets containing audio data, each second RTP packet including a received RTP payload and a respective received RTP timestamp;
- B) in response to the receiver's receiving the second received record, the persistent-store driver extracts information of interest from the headers of the received RTP packets and stores in the persistent medium a second stored record as second stored packets of which each corresponds to a respective one of the second received RTP packets, each second stored packet including the RTP payload contained in the corresponding received RTP packet and further including a header that includes a respective stored timestamp derived from the received RTP timestamp in the header of the corresponding received RTP packet;
- C) the persistent-store driver also retrieves the second stored record; and
- D) the apparatus further includes an audio player and an audio driver that drives the audio player, simultaneously with the video driver's driving of the video player, to play the thus-retrieved second stored record in accordance with the stored timestamps contained therein by equating the start times of the first and second stored records and determining the times to play the data contained in the respective stored packets of the second stored record based on a combination of the local time and the respective stored timestamps.

19. (previously presented) An apparatus as defined in claim 13 wherein:

- A) the persistent-store driver also retrieves the stored record; and
- B) the apparatus further includes a transmitter that transmits in accordance with the stored timestamp in each thus-retrieved recorded packet a corresponding transmitted RTP packet that includes a transmitted RTP timestamp and further includes a payload the same as that of the recorded packet to which that transmitted packet corresponds.

20. (currently amended) For storing time-dependent data, an apparatus comprising:

- A) a persistent medium operable to store data and retrieve data thus stored;
- B) a sampler that produces a sampled record by taking samples of a time-dependent function; and
- C) a persistent-store driver that before transmitting or playing back the data responds to the sampler by storing in the persistent medium a stored record as stored RTP packets whose payloads represent the samples' values and whose stored timestamps represent the times at which the first samples in their respective payloads were taken.

21. (currently amended) An apparatus as defined in claim 20 wherein:

- A) the sampled data are audio data;
- B) the persistent-store driver also retrieves the stored record; and
- C) the apparatus further includes an audio player and an audio driver that drives the audio player to play the stored record in accordance with the thus-retrieved stored timestamps contained therein by determining the times to play the data contained in the respective stored packets based on a combination of the local time and the stored timestamp contained in the stored packets.

22. (currently amended) An apparatus as defined in claim 20 wherein:

- A) the sampled data are video data;
- B) the persistent-store driver also retrieves the stored record; and
- C) the apparatus further includes a video player and a video driver that drives the video player to play the thus-retrieved stored record in accordance with the stored timestamps contained therein by determining the times to play the data contained in the respective stored packets based on a combination of the local time and the stored timestamp contained in the stored packets.

23. (currently amended) An apparatus as defined in claim 22 wherein:

- A) the sampler additionally produces a second sampled record by taking audio samples of a sound signal;
- B) the persistent-store driver additionally responds to the sampler by storing in the persistent medium a second stored record as stored RTP packets whose payloads represent the audio samples' values and whose stored timestamps represent the times at which the first audio samples in their respective payloads were taken; and
- C) the apparatus further includes an audio player and an audio driver that retrieves the second stored record and drives the audio player to operate simultaneously with the video driver's driving of the video player, in accordance with the stored timestamps contained in the second stored record therein by equating the start times of the first and second stored records and determining the times to play the data contained in the respective stored packets of the second stored record based on a combination of the local time and the respective stored timestamps.

24. (previously presented) An apparatus as defined in claim 20 wherein:

- A) the persistent-store driver also retrieves the stored record; and
- B) the apparatus further includes a transmitter that transmits in accordance with the stored timestamp in each thus-retrieved recorded packet a corresponding transmitted RTP packet that includes a transmitted RTP timestamp and further includes a payload that is the same as the payload of the recorded packet to which that transmitted packet corresponds.